

Schottky Barrier Diodes

$I_o = 1A$ to $0.1A$, single or array,
low V_f , or low leakage.

● For Rectifier

Part No.	Absolute maximum ratings ($T_a = 25^\circ C$)						*Electrical characteristics ($T_a = 25^\circ C$)							Package	Circuits
	V_{RM} (V)	V_R (V)	* I_o (A)	* I_{FSM} (A) 60Hz · 1~	T_j ($^\circ C$)	T_{stg} ($^\circ C$)	V_f (V) Max.		I_R (μA) Max.		C_T (pF) Typ.				
							I_f (A)	V_R (V)	V_R (V)	f (MHz)					
☆RB035B-40	40	40	4	30	125	-40~+125	0.55	2	2m	40	-	-	-	CPD F5	Fig.7
New RB031B-40	40	40	3	30	125	-40~+125	0.55	3	2m	40	-	-	-	CPD F5	Fig.9
New RB180L-40	40	40	1	70	125	-40~+125	0.55	1	1m	40	-	-	-	PSM	-
RB110C	40	25	1	5	125	-40~+125	0.60	1	80	25	-	-	-	MPD	Fig.6
RB111C	40	25	1	5	125	-40~+125	0.50	1	100	25	-	-	-	MPD	Fig.6
New RB401D	40	20	0.5	3	125	-40~+125	0.50	0.50	70	20	-	-	-	SMD	Fig.4
RB435C	20	10	0.5	3	125	-40~+125	0.55	0.50	30	10	20	10	1	MPD	Fig.7
RB400D	20	10	0.5	3	125	-40~+125	0.55	0.50	30	10	20	10	1	SMD	Fig.4
RB400D-40	40	25	0.5	3	125	-40~+125	0.55	0.50	50	25	20	10	1	SMD	-
RB411D	20	10	0.5	3	125	-40~+125	0.50	0.50	30	10	20	10	1	SMD	Fig.4
RB415D	40	25	0.4	2	125	-40~+125	0.30	0.01	70	25	-	-	-	SMD	Fig.1
RB420D	25	20	0.1	1	125	-40~+125	0.45	0.01	1	10	6	10	1	SMD	Fig.4
RB421D	20	10	0.1	1	125	-40~+125	0.55	0.10	30	10	6	10	1	SMD	Fig.4
RB425D	20	10	0.1	1	125	-40~+125	0.55	0.10	30	10	6	10	1	SMD	Fig.1
RB450F	25	20	0.1	1	125	-40~+125	0.45	0.01	1	10	6	10	1	UMD	Fig.4
RB451F	20	10	0.1	1	125	-40~+125	0.55	0.10	30	10	6	10	1	UMD	Fig.4
RB471E	20	10	0.1	1	125	-40~+125	0.55	0.10	30	10	6	10	1	FMD	Fig.5
RB500H	25	20	0.1	1	125	-40~+125	0.45	0.01	1	10	6	10	1	DSM	-
RB501H	25	20	0.1	1	125	-40~+125	0.55	0.10	30	10	6	10	1	DSM	-

Notes: 1. ☆ Under development
2. * Values are for each element.

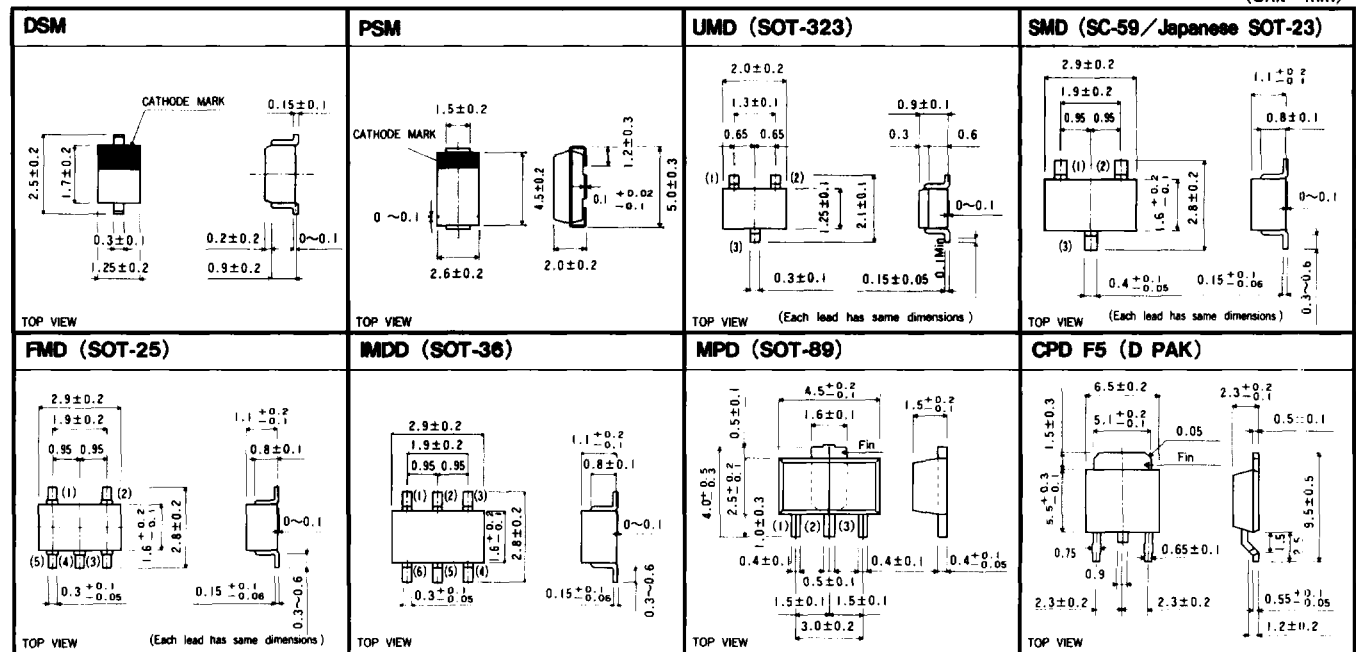
● For Small Signal

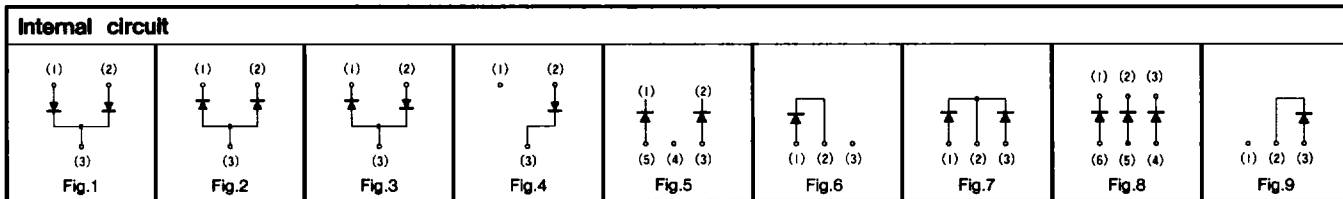
$I_o = 30mA$. Applications include memory backup and battery protection against reversal current. Excellent in V_f characteristics.

Part No.	Absolute maximum ratings ($T_a = 25^\circ C$)						*Electrical characteristics ($T_a = 25^\circ C$)							Package	Circuits
	V_{RM} (V)	V_R (V)	* I_o (mA)	* I_{FSM} (A) 60Hz · 1~	T_j ($^\circ C$)	T_{stg} ($^\circ C$)	V_f (V) Max.		I_R (μA) Max.		C_T (pF) Typ.				
							I_f (mA)	V_R (V)	V_R (V)	f (MHz)					
New RB701D	25	20	30	0.2	125	-40~+125	0.37	1	1	10	2	1	1	SMD	Fig.4
RB705D	25	20	30	0.2	125	-40~+125	0.37	1	1	10	2	1	1	SMD	Fig.1
RB715F	25	20	30	0.2	125	-40~+125	0.37	1	1	10	2	1	1	UMD	Fig.1
RB717F	25	20	30	0.2	125	-40~+125	0.37	1	1	10	2	1	1	UMD	Fig.2
RB751H	25	20	30	0.2	125	-40~+125	0.37	1	1	10	2	1	1	DSM	-
New RB731U	25	20	30	0.2	125	-40~+125	0.37	1	1	10	2	1	1	IMDD	Fig.8
RB751H-40	40	30	30	0.2	125	-40~+125	0.37	1	0.5	30	2	1	1	DSM	-
RB706D-40	45	40	30	0.2	125	-40~+125	0.37	1	1	10	2	1	1	SMD	Fig.3
RB706F-40	45	40	30	0.2	125	-40~+125	0.37	1	1	10	2	1	1	UMD	Fig.3

Notes: * Values are for each element.

(Unit: mm)





●Product Designation

- When ordering, specify the type.
- Check each code against the tables shown below.
- Fill a space with the next character.



Part No.

Packaging

Package	Code	Sprocket hole side	Quantity/Package (pcs)
DSM	TT11	Cathode	3,000
	TT12	Anode	
PSM	TE25	Cathode	1,500
UMD	T106	1Pin	3,000
	T107	2Pins	
SMD	T146	1Pin	3,000
	T147	2Pins	
FMD	T148	3Pins	3,000
	T149	2Pins	
IMDD	T109	Pin 1	3,000
	T108	Pin 6	
MPD	T100	Fin	1,000
	T101	3Pins side	
CPD F5	TL	Fin	2,500
	TR	3Pins side	